

Pircher, G.

COMPARISON OF SENSITIVITY OF RADIO AND OPTICAL DETECTION SYSTEMS. [1963] 22p (refs omitted)

Order from SLA \$2.60

TT-63-18862

Trans. of Infrared Physics (England) 19(2, v. 2, p. 141-153. (Abstract available)

DESCRIPTION: \*Detectors, Radio receivers, Optical equipment, Sensitivity, Correlation techniques.

Active radio and optical detections have several features in common, especially when optical detection employs coherent waves. A comparison of factors entering into the detection equations is made. The essential differences between superheterodyne or direct amplification radio receivers and direct detection optical receivers are discussed. An expression of ultimate sensitivity (Engineering--Electronic, TT, v. 11, no. 4) (over)

TT-63-18862

I. Pircher, G.

Office of Technical Services

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CIA-RDP84-00581R0001

COMPARISON OF SENSITIVITY OF ACOUSTIC AND  
OPTICAL SYSTEMS OF DETECTION, BY GENEVIEVE MARCHER,  
22 PP. (REFUGEE USE ONLY)

FRANCE, UNIDENTIFIED PUBLICATION, PP 169-192.

JPS 000: 001

SCI - CINC

APR 63

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NSA-5/63

Comparison of Sensitivity of Radioelectrical and  
Optical Systems of Detection, by Georges Pircher.  
(DC-8460) FOR OFFICIAL USE ONLY

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